

ATTACHMENT A - Kentucky State Regulation 401 KAR 60:005 (40 CFR 60 Subpart Kb)
NSPS Standards for VOC emissions from Volatile Organic Liquid [(VOL), 40 CFR 60.111b, Definitions] storage tanks

40 CFR 60, Subpart Kb applies to storage vessels that store volatile organic liquids which are constructed, reconstructed or modified after July 23, 1984 [40 CFR 60.110(b)(a)]

Tank Capacity m ³ (gallons)	VOL TVP* kPa (psi)	Does Subpart Kb apply to the tank ?	VOC operating/emission Standards Subpart Kb (Section 60.112b) [Alternatives]	Monitoring & Recordkeeping requirements under Subpart Kb (Sections 60.113b, 60.115b and 60.116b)	Reporting requirements under Subpart Kb Subpart Kb (Section 60.115b)	Testing requirements under Subpart Kb (Section 60.113b)
V < 40 (V < 10568)	NA	No	NA	NA	NA	NA
40 < V < 75 (10568<V<19815)	Any	Yes	None	Records of tank dimensions and storage capacity.	None	None
75 < V < 151 (19815<V<39894)	TVP < 15 (TVP < 2.2)	Yes	None	Records of tank dimensions and storage capacity.	Administrator shall be informed within 30 days if TVP exceeds 27.6	None
	15 < TVP < 27.6 (2.2 < TVP < 4.0)	Yes	None	1. Records of tank dimensions and storage capacity. 2. Records of liquid stored, period of storage and maximum TVP during that period.	Administrator shall be informed within 30 days if TVP exceeds 27.6	None
	27.6 < TVP < 76.6 (4.0 < TVP < 11.1)	Yes	Internal floating roof; or External floating roof; or Closed vent system with control device; or Equivalent [Alternatives 60.114b]	1. Records of tank dimensions and storage capacity. 2. Records of liquid stored, period of storage and maximum TVP during that period**. 3. See Section 60.115b. 4. Control equipment chosen in 60.112b determines monitoring	1. For internal floating roof, see Section 60.115b (a) 2. For external floating roof, see Section 60.115b (b) 3. For closed vent system, see Sections 60.115b (c) and (d)	1. For floating roofs, see Sections 60.113b (a) & (b) 2. For closed vent system, see Sections 60.113b (c) & (d)
	TVP > 76.6 (TVP > 11.1)	Yes	Closed vent system to control device or equivalent [Alternatives 60.114b]	1. Records of tank dimensions and storage capacity. 2. See Section 60.115b. 3. Control equipment chosen in 60.112b determines monitoring	See Sections 60.115b (c) & (d)	See Sections 60.113b (c) & (d)
V > 151 (V > 39894)	TVP < 3.5 (TVP < 0.51)	Yes	None	Records of tank dimensions and storage capacity.	Administrator shall be informed within 30 days if TVP exceeds 27.6	None
	3.5 < TVP < 5.2 (0.51 < TVP < 0.75)	Yes	None	1. Records of tank dimensions and storage capacity. 2. Records of liquid stored, period of storage and maximum TVP during that period.	Administrator shall be informed within 30 days if TVP exceeds 27.6	None
	5.2 < TVP < 76.6 (0.75 < TVP < 11.1)	Yes	Internal floating roof; or External floating roof; or Closed vent system with control device; or Equivalent [Alternatives 60.114b]	1. Records of tank dimensions and storage capacity. 2. Records of liquid stored, period of storage and maximum TVP during that period**. 3. See Section 60.115b. 4. Control equipment chosen in 60.112b determines monitoring	1. For internal floating roof, see Section 60.115b (a) 2. For external floating roof, see Section 60.115b (b) 3. For closed vent system, see Sections 60.115b (c) and (d)	1. For floating roofs, see Sections 60.113b (a) & (b) 2. For closed vent system, see Sections 60.113b (c) & (d)
	TVP > 76.6 (TVP > 11.1)	Yes	Closed vent system to control device or equivalent [Alternatives 60.114b]	1. Records of tank dimensions and storage capacity. 2. See Section 60.115b. 3. Control equipment chosen in 60.112b determines monitoring	See Sections 60.115b (c) & (d)	See Sections 60.113b (c) & (d)

*TVP = True Vapor Pressure

kPa = Kilo Pascals

**If a closed vent system with control device is used, this requirement does not apply.